**Donneil Glaister Cain**

***Flat C1, Ancaster Hall,***

***University of Nottingham,***

***University Park***

***Nottingham, UK.***

***E-mail:*** [caindonneil@gmail.com](mailto:caindonneil@gmail.com)

Douglass North, 1993 Nobel Prize for Economic Science,

*“[I] think the most important thing in the world is to have a creative stimulating, exciting life. Find out what things excite you, and pursue them all your life.”*

**SUMMARY:**

I am currently pursuing a PHD in Economics, with special interest in Applied Econometrics, Macroeconomics and Environmental Economics. I continue to build a knowledgebase that draws on different areas of economics and other theories in the wider social and applied sciences in an effort to suggest more holistic and multidisciplinary policies geared at fostering sustainable economic development. I have experience in econometrics, economic research, climate change, academia, project evaluation and appraisal and central banking.

**CAREER OBJECTIVES:**

* To maximize my potential as an Economist, this includes completing my doctoral studies at the University of Nottingham.
* To undertake research work that will inform policies and programmes geared towards fostering growth and development.
* To contribute to Jamaica’s, and by extension the Caribbean’s, educational infrastructure by sharing my knowledge and experience with today’s generation and the next.

**RESEARCH INTERESTS:**

Econometrics Analysis; Labour Market, Wages and Productivity; Environmental Economics and Climate Change; Macroeconomics- Economic Development and Sustainability; International Trade and Regional Integration; and, Remittance, FDI flows and Development.

**EDUCATION:**

* **University of Nottingham, Nottinghamshire, UK. Ph.D. Economics, 2013- present** *(Expected date of completion September, 2016)****.***

**The Gravity Model of International Trade: Application and Diagnostics.**

*The gravity model is widely used in international trade to estimate and identify the effects and magnitude of varies trade policies, trade costs, geographic and other economic indicators. It is also known for its tractability in imposing a general equilibrium structure which can be linked to theories of international; however, there exist several empirical and econometric limitations that consideration must be given to. This thesis explores these limitations as well as uses a general equilibrium framework and counterfactuals to investigate the welfare implications of international borders and the potential impacts of deeper integration including the formation of a currency union within CARICOM. Beyond this thesis, this model has several potential applications which include developing a framework which links international trade to economic growth and development as well as international trade to climate change.*

* **University of the West Indies, Mona Campus, Jamaica. M.Sc. Economics, 2008 – 2010. Courses:**Microeconomics, Macroeconomics, Financial Economics, Game Theory, International Economics and Econometrics
* **Short Course/Training: Technical Report Writing; Crystal Report Writing; Central Banking. BOJ Training Institute (2007).**
* **University of the West Indies Bachelor of Science (BS), Economics and Statistics (Honours), 2004 – 2007.**

**AWARDS:**

* Alfred A. Francis Prize for highest grade in Econometrics I (2007)
* Charles Kennedy Final Year Prize for highest aggregate in BSc. Economics (2007)
* Inducted into the Social Sciences Honours Society (U.W.I) (2007).
* Graduate Fellowship Department of Economics, UWI Mona (September 2008).
* Commonwealth Scholarship Commonwealth Scholarship Commission (September 2013).
* Graduate Teaching Award, School of Economics, University of Nottingham (2015).

**SKILLS:**

Good written and oral communication skills, Computer literate: Microsoft applications, SPSS, E-VIEWS, STATA, MATLAB, JMULTI, TORA, Crystal Reports, AREMOS, RATS & WINEDT.

**RECENT PAPERS:**

* Bynoe, M. Cain, D. and Peralta, A. 2014. *The Use of Benefit Cost Analysis to assess Adaptation and Mitigation Interventions in the Caribbean: Case Studies.* Caribbean Community Climate Change Centre (CCCCC) and Commonwealth Secretariat. Retrieved from: <http://dms.caribbeanclimate.bz/M-Files/openfile.aspx?objtype=0&docid=6062>

* Caribbean Community Climate Change Centre (CCCCC), 2012*. Climate Change and Belize’s Agricultural Sector: An Econometric Assessment of the potential impact on selected crops.* Economic and Social Impact Unit, Caribbean Community Climate Change Centre, Belmopan, Belize. Working paper.
* Caribbean Community Climate Change Centre (CCCCC), 2012*. Climate Change and Belize‘s Tourism Industry: An Economic Assessment.* Economic and Social Impact Unit, Caribbean Community Climate Change Centre. Belmopan, Belize. Working paper.
* Caribbean Community Climate Change Centre (CCCCC), 2012*. Discount Rate for Selected CARCIOM states: Benchmarking discounting rates for the appraisal of climate change adaptation initiatives*. Economic and Social Impact Unit, Caribbean Community Climate Change Centre. Belmopan Belize. Working paper.

United Nation Economic Commission for Latin America and the Caribbean (UN ECLAC), 2011. *An Assessment of the Economic Impact of Climate Change on the Agricultural Sector in Guyana.* Final Report. United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC). (Modeling effort alongside Prof. Kirton)

United Nation Economic Commission for Latin America and the Caribbean (UNECLAC), 2011. *An Assessment of the Economic Impact of Climate Change on the Agricultural Sector in Jamaica*. Final Report. United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC). (Modeling effort alongside Dr. Michael Witter)

**CONFERENCE PRESENTATIONS:**

* *Two-stage Quasi-Generalised Pseudo-Maximum Likelihood (QGPML) Estimation and the Gravity Equation.* Ph.D. Student Conference, University of Nottingham (April 2015).
* *An Application of the Gravity Model to CARICOM Trade: Common External Tariff, Single Market and Economy and Natural Disasters.* Ph.D. Student Conference, University of Nottingham (April 2014).
* *Application of Climate Change downscaling outputs in the Caribbean: Estimating Economic and Social Impact and Valuating Adaptation and Mitigation Options.* 9th International Convention on Environment and Development (July 2013)
* *Exchange Rate Movements and the Stock of Foreign Currency Denominated Government Debt: Some Panel Cointegration Evidence.* Annual Monetary Studies Conference (November 2010)
* *Jamaica’s Twin Deficit Story.* Southwestern Social Science Association (March 2010)
* *Wage-Productivity Gap and the Current Account: An Empirical Approach* (OECD countries).Central Bank of Barbados Annual Review Seminar (July 2009)

**WORK EXPERIENCE:**

* **Economist/Acclimatise Associate/Consultant**

**Guyana’s Climate Resilience Strategy and Action Plan (CRSAP) Project**

**October 2014 – present**

* + Collate relevant information and conduct desk-based review of economics of climate change literature
  + Research and provide a method for analysing the impacts that climate change resilience and adaptation projects will have in terms of future climate scenarios.
  + Prepare and complete subsections of the priority concepts notes, presenting project impact under a range of future climate scenarios.
* **Graduate Teaching Assistant at University of Nottingham**

**October 2014 – present**

* + Tutor Microeconomics and Macroeconomics Theory (year 2 undergraduate)
* **Resource Economist at Caribbean Community Climate Change Centre (CCCCC) August 2011 - September 2013 (2 years 2 months)**
  + Estimating the potential impact of Climate Change on the Caribbean region.
  + Appraising adaptation and mitigation strategies (projects) developed for implementation within the region.
* **Assistant Lecturer/Research Assistant at University of the West Indies**

**August 2010 - July 2011 (1 year)**

* Lectured: Sampling Methods, Introductory Econometrics, Economic Statistics, Elements of Banking and Finance.
* Research in the areas: Panel Data Econometrics Analysis; Impact of Climate Change on Jamaica’s and Guyana’s Agriculture; Financial Services in the CARICOM: A Strategic Plan for Region Development; Remittance and Jamaica; and Jamaica Constabulary Force Benchmarking and Performance Indicators.
* **Lecturer at University of Technology (UTECH)**

**September 2010 - May 2011 (9 months)**

* + Lectured Decision Science
* **Lecturer at Pre-University (Pre-UWI)**

**September 2008 - May 2011 (2 years 9 months)**

* + Lectured Management of Business, Macroeconomics and Microeconomics
* **Graduate Student Intern:**
  + Inter-American Development Bank: July 2010 - August 2010 (2 months)
  + Central Bank of Barbados: June 2009 - August 2009 (3 months)
* **Payments Officer/Economic Statistician at Bank of Jamaica**

**May 2007 - August 2008 (1 year 4 months)**

* + Payments Officer: Data analysis and reporting on the National Payment System Oversight (NPS reform)
  + Economic Statistician: Data collection, management and destination; preparation and presentation of economic data.

**REFERENCES:**

**Professor Claremont Kirton (Professor of Development Economics)**

Department of Economics, University of the West Indies, Mona Campus, Kingston 7, Jamaica. Tel. #:876**-**394-1730, e-mail: claremont.kirton@uwimona.edu.jm

**Kenneth Reid (Project Manager)**

Caribbean Community Climate Change Centre, Belmopan, Belize. Tel. #:501-822-1094, e-mail: reidakenneth@gmail.com

**Dr. Dillon Alleyne (Economic Affairs Officer)**

Economic Commission for Latin America and the Caribbean (ECLAC), Port of Spain, Trinidad and Tobago. Tel. #: 868-623-5595 ext. 2304, email: dillon.alleyne@eclac.org